

***Listing of the Claims:***

This listing of claims will replace all prior versions and listings of claims in the application. Please cancel claim 16, and add new claim 18.

1.-16. (Cancelled)

17. (Currently Amended) An antibody ~~according to claim 16~~ which specifically binds to a neuron-restrictive silencer factor (NRSF) protein comprising the amino acid sequence shown in Figure 6 (SEQ ID NO:40) or Figure 12 (SEQ ID NO:50).

18. (New) An antibody which specifically binds to a recombinant isolated neuron-restrictive silencer factor (NRSF) protein, comprising a protein selected from the group consisting of proteins having the amino acid sequence shown in FIG. 6 (SEQ ID NO:40), proteins having the amino acid sequence shown in FIG. 12 (SEQ ID NO:50), and functional fragments thereof, wherein a functional fragment is an NRSF protein which

- (a) is at least 250 amino acids in length;
- (b) comprises more than one zinc finger motif;
- (c) is capable of binding to a neuron restrictive silencer element (NRSE); and
- (d) is capable of suppressing or silencing the expression of a neuronal gene.